Journal of Immunological Methods, 148 (1992) 272–273
© 1992 Elsevier Science Publishers B.V. All rights reserved 0022-1759/92/$05.00

Contents to volume 148 (1992)

Number 1 – 8 April

Research reports

Magnetic bead antigen capture enzyme-linked immunoassay in microtitre trays for rapid detection of schistosomal circulating anodic antigen
S.G. Gundersen, I. Haagensen, T.O. Jonassen, K.J. Figenschau, N. De Jonge and A.M. Deelder (Norway, Netherlands) 1

A thymosin β_4 ELISA using an antibody against the N terminal fragment thymosin β_4 [1–14]
E. Livaniou, M. Mihelič, G.P. Evangelatos, A. Haritos and W. Voelter (Germany, Greece) 9

A new highly sensitive immunoassay for cytokines by dissociation-enhanced lanthanide fluoroimmunoassay (DELFIA)
A. Ogata, H. Tagoh, T. Lee, T. Kuritani, Y. Takahara, T. Shimamura, H. Ikegami, M. Kurimoto, K. Yoshizaki and T. Kishimoto (Japan) 15

A simple and rapid radioimmunoassay for human interleukin-6
J.V. Peppard, J.J. Rediske, J.A. Koehler and C.F. Koehne (USA) 23

An image processing workstation for automatic evaluation of human granulocyte motility
A. Azzarà, M. Chimenti, L. Azzarelli, E. Fantini, G. Carulli and F. Ambrogi (Italy) 29

Novel antibody coating of a magnetizable solid phase for use in enzyme immunoassays
K. Löster, S. Seidel, D. Kirstein, F. Schneider and F. Noll (Germany) 41

Microgravimetric determination of precipitable antigens and antibodies in native biological fluids
B. Pokrić and Z. Pučar (Croatia) 49

Evaluation of a simple method for improving the precision of an ELISA detecting antibody in serum
R.J. Whittington (Australia) 57

Carbonylmetalloimmunoassay (CMIA) a new type of non-radioisotopic immunoassay. Principles and application to phenobarbital assay
M. Salmain, A. Vessières, P. Brossier, I.S. Butler and G. Jaouen (France, Canada) 65

Pitfalls in determining IgG and IgG-subclass antibodies to food antigens
M. Hvatum, H. Scott and P. Brandtzaeg (Norway) 77

A sensitive and specific competition microELISA for the immunoactive polypeptide parathymosin and detection of this peptide in porcine tissues
M. Economou, G.K. Papadopoulos, K. Seferiadis, E.P. Heimer, A.M. Felix and O. Tsolas (Greece, USA) 87

Identification of IgG rheumatoid factors by a novel method utilizing immunoblotting
M.M. Newkirk (Canada) 93

Quantitation of human IgG subclass antibodies to *Haemophilus influenzae* type b capsular polysaccharide. Results of an international collaborative study using enzyme immunoassay methodology
D.J. Herrmann, R.G. Hamilton, T. Barington, C.E. Frasch, G. Arakere, O. Mäkelä, L.A. Mitchell, J. Nagel, G.T. Rijkers, B. Zegers, B. Danve, J.I. Ward and C.S. Brown (USA, Denmark, Finland, Canada, Netherlands, France) 101

Biosynthetic radiolabeling of bacterial lipopolysaccharide to high specific activity
R.S. Munford, L.C. DeVeaux, J.E. Cronan, Jr. and P.D. Rick (USA) 115

Identification of rare immunoglobulin switch variants using the ELISA spot assay
G. Spira and M.D. Scharff (USA, Israel) 121

Detection of antigen specific T lymphocytes by determination of intracellular calcium concentration using flow cytometry
R.B. Alexander, E.S. Bolton, S. Koenig, G.M. Jones, S.L. Topalian, C.H. June and S.A. Rosenberg (USA) 131

Serodiagnosis of hepatitis C virus infection by ELISA for antibodies against the putative core protein ($p20^c$) expressed in *Escherichia coli*
A. Yoshikawa, K. Takahashi, S. Kishimoto, F. Tsuda, Y. Akahane, S. Naito, T. Tanaka, H. Yoshizawa, M. Yamasaki, H. Okamoto, Y. Miyakawa and M. Mayumi (Japan) 143

Liposome immune lysis assay (LILA) for gelonin
A. Paul, S. Madan, V.M. Vasandani, P.C. Ghosh and B.K. Bachhawat (India) 151

Development of a two color immunofluorescence stain and immunolocalization method for N-*myc* and c-*myc* oncoproteins with a newly generated mouse IgM anti N-*myc* antibody
Y. Gazitt, Y.J. He, G.W. Erdos, L. Chang, H. Ashktorab and R.J. Cohen (USA) 159

A novel methodology for the establishment of neuroblastoma cell lines from metastatic marrow. Expression of surface markers, neurofilaments, MDR-1 and *myc* proteins
Y. Gazitt, Y.J. He and J. Graham-Pole (USA) 171
Receptor specific probes for the study of Fcγ receptor specific function
J.C. Edberg and R.P. Kimberly (USA) 179
Immunoassay of type IV collagenase/gelatinase (MMP-2) in human plasma
S. Zucker, R.M. Lysik, M. Gurfinkel, M.H. Zarrabi, W. Stetler-Stevenson, L.A. Liotta, H. Birkedal-Hansen and W. Mann (USA) 189
Increased frequency of both total and specific monoclonal antibody producing hybridomas using a fusion partner that constitutively expresses recombinant IL-6
J.F. Harris, R.G. Hawley, T.S. Hawley and G.C. Crawford-Sharpe (Canada) 199
Detection of tumor necrosis factor induced nuclear damage with *p*-phenylenediamine
T.W. Salcedo and H.B. Fleit (USA) 209
Determination of prostaglandin metabolites in biological samples by competitive time-resolved fluoroimmunoassay
F.J. Lüke and W. Schlegel (Germany) 217
Calcium-dependent and calcium-independent signals in the conglutinin-binding assay (KgBa) for immune complexes. Influence of anti-collagen-antibodies
U. Holmskov, H. Haas, B. Teisner, O. Andersen and J.C. Jensenius (Denmark, Germany) 225
In situ hybridization of the mRNA for interferon-γ, interferon-αE, interferon-β, interleukin-1β and interleukin-6 and characterization of infiltrating cells in thyroid tissues
I. Rutenfranz, A. Kruse, L. Rink, B. Wenzel, H. Arnholdt and H. Kirchner (Germany) 233
Sandwich ELISA formats designed to detect 17 kDa IL-1β significantly underestimate 35 kDa IL-1β
D.J. Herzyk, A.E. Berger, J.N. Allen and M.D. Wewers (USA) 243

Commentary
ELISA kits based on monoclonal antibodies do not measure total IL-1β synthesis
C.A. Dinarello (USA) 255

Letter to the editors
Poly-L-lysine causes false positive results in ELISA methods detecting anti-dsDNA antibodies
G. Kroubouzos, A. Tosca, M.M. Konstadoulakis and A. Varelzidis (Greece) 261

Corrigendum
BLT esterase activity as an alternative to chromium release in cytotoxic T cell assays
A. Suhrbier, A. Fernan, S.R. Burrows, A. Saul and D.J. Moss (Australia) 265

Erratum
New antigenic determinants revealed on human IgG by binding to immunoblotting membranes
M. Mannik and R.E. Person (USA) 267
Book review 269

Announcements 271

Contents to volume 148 (1992) 272

Notes to authors 274